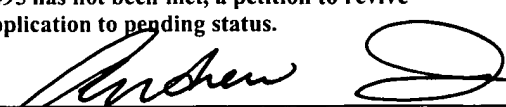


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|---|--|---|--|---|--|
| FORM PTO 1390 (REV 11-2000) | | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | ATTORNEY'S DOCKET NUMBER DNAG-287 | |
| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371 | | | | U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <div style="font-size: 24pt; font-weight: bold;">10/506737</div> | |
| INTERNATIONAL APPLICATION NO. PCT/EP03/01658 | | INTERNATIONAL FILING DATES February 19, 2003 | | PRIORITY DATE CLAIMED March 5, 2002 and February 14, 2003 | |
| METAL-CERAMIC COMPOSITES FOR TRIBOLOGICAL USES AND DEFINED SLIDING/FRICTION PAIRS BASED ON SAID MATERIALS | | | | | |
| APPLICANT(S) FOR DO/EO/US Meier, et al. | | | | | |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other informationX | | | | | |
| <ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing 35 U.S.C. 371 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date (PCT Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)). <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)). 9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).(unsigned) 10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)). | | | | | |
| Items 11 to 20 below concern document(s) or information included: | | | | | |
| <ol style="list-style-type: none"> 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A FIRST preliminary amendment. 14. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A change of power of attorney and/or address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825. 18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4). 20. <input checked="" type="checkbox"/> Other items or information PCT/IB/308; PCT/IB/332; PCT/IPEA/416; PCT/IPEA/409 | | | | | |

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| U.S. APPLICATION NO. 10/506737 | | INTERNATIONAL APPLICATION NO. PCT/EP03/01658 | | ATTORNEY'S DOCKET NUMBER DNAG-287 | | | | | |
| 17. <input checked="" type="checkbox"/> The following fees are submitted: BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)): <input type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO And International Search Report not prepared by the EPO or JPO \$1040.00 <input checked="" type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report will be prepared by the EPO or JPO \$900.00 <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$740.00 <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) \$710.00 <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO ENTER APPROPRIATE BASIC FEE AMOUNT = Surcharge of \$ _____ for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492 (e)). | | | | CALCULATIONS PTO USE ONLY <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%; text-align: right;">\$ 900.00</td> <td style="width:50%;"></td> </tr> <tr> <td style="text-align: right;">\$ 130.00</td> <td></td> </tr> </table> | | \$ 900.00 | | \$ 130.00 | |
| \$ 900.00 | | | | | | | | | |
| \$ 130.00 | | | | | | | | | |
| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | | | | | | |
| Total claims | 20 = | | | \$ | | | | | |
| Independent claims | 1-3 = | 0 | X | \$ | | | | | |
| MULTIPLE DEPENDENT CLAIM(s) (if applicable) | | | X | \$ | | | | | |
| TOTAL OF ABOVE CALCULATIONS = | | | | \$ | | | | | |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above Are reduced by 1/2. | | | | \$ 1030.00 | | | | | |
| SUBTOTAL = | | | | \$ 1030.00 | | | | | |
| Processing fee of \$ _____ For furnishing the English translation later than <input type="checkbox"/> 20 <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492 (f)). + | | | | \$ 130.00 | | | | | |
| TOTAL NATIONAL FEE = | | | | \$ 1160.00 | | | | | |
| Fee for recording the enclosed assignment (37 CFR 1.21 (h)). Assignment Must be accompanied by appropriate cover sheet (37 CFR 3.28, 3.31) (_____ Per property). + | | | | \$ | | | | | |
| TOTAL FEES ENCLOSED = | | | | \$ 1160.00 | | | | | |
| | | | | Amount to be Refunded: | \$ | | | | |
| | | | | Charged: | \$ | | | | |
| <input checked="" type="checkbox"/> A check in the amount of \$ <u>1160.00</u> b. <input type="checkbox"/> Please charge my Deposit Account No. <u>50-0624</u> in the amount of \$ _____ To cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required or credit Any overpayment to my Deposit Account No. <u>50-0624</u> . A duplicate copy of this sheet is enclosed. | | | | | | | | | |
| NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status. | | | | | | | | | |
| SEND ALL CORRESPONDENCE TO: Customer No. 24972 (212) 318-3000 FULBRIGHT & JAWORSKI L.L.P. 666 Fifth Avenue New York, New York 10103 Customer No. 24972 | | | | | | | | | |
| | | | | SIGNATURE: <u></u> C. Andrew Im NAME _____ 40,657 | | | | | |

10/506737

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Certificate of Express Mail

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In an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA. 22313-1450

On SEPTEMBER 3, 2004

By Eileen Sheffield

Eileen Sheffield